Post-Doctoral Researcher, UAS 1692  
College of Engineering, Computer Science and Technology  

**Salary Range:** $53,000 – $56,000

**Work Schedule:** This is full-time, non-exempt position; Monday – Friday, hours to be determined. This position is eligible for benefits. This is a temporary appointment expiring on or before September 30, 2024 with the possibility of renewal, contingent upon availability of funds.

**Essential Functions:**
Cal State LA’s NSF-funded Eco-STEM project seeks a Post-Doctoral Researcher in Engineering Education to support Eco-STEM’s research-based work to transform STEM education using an asset-based ecosystem model. Specifically, Eco-STEM project focuses on shifting the metaphor in STEM education by using the ecosystem as a philosophical guide to promote an organic and healthy environment that nurtures students, faculty, and staff to become individuals fulfilled professionally and personally. Postdoctoral researcher responsibilities will include:

- Work with research team and Cal State LA’s Center for Effective Teaching and Learning (CETL) on the development and implementation of Action Research Teaching (ART) Fellows Faculty Learning Community, and the Department Chairs and Coordinators Learning Community, which focus on changing the mental models and promotes the transformations aimed by the project.
- Collaborate closely with the project team to design survey instruments, administer surveys, and clean and analyze data, utilizing a variety of quantitative and qualitative methodologies.
- Oversee communication and collaboration with survey administration sites so that data collection, analysis, IRB, etc. are set in place and research efforts are conducted both ethically and efficiently.
- Collaborate with project team members to disseminate findings through peer-reviewed presentations, journal articles, and conference proceedings, as well as academic and practitioner conferences.

**Requirements:**

- An earned doctorate in Engineering Education, Education, Social Sciences, Engineering or Computer Science or related field, from an accredited institution (or equivalent) is required; however, applicants nearing completion of the doctorate (ABD) may be considered. For appointment, the doctorate must be completed by the date of appointment.
- Evidence of research experience in engineering or STEM education at the post-secondary level.
- Evidence of relevant scholarly publications in the area of Engineering Education or related fields.
- A completed Employment application, CV and a statement of research interests. (Required).

**Desired Qualifications:**
We are looking for a positive, adventurous and open-minded candidate to work on this transformative, high-impact project.

**Application Process:**
Review of applications/resumes will begin October 08, 2020 and will continue until the position is filled; however, the position may close when an adequate number of qualified applications is received.

UAS hires only those individuals lawfully authorized to work in the United States. Americans with Disabilities (ADA) requested accommodations should be made in advance to the UAS Human Resources Department. UAS is an Affirmative Action/Equal Opportunity Employer.

Cal State LA University Auxiliary Services, Inc. is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex including sexual orientation and gender identity, national origin, disability, protected Veteran Status, or any other characteristic protected by applicable federal, state, or local law.

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